

Sheet 10 of 17, 09/13/2013 8:55:37 AM, by: JPE  
 Plot Scale: 1" = 10'-0" (1:120)  
 I:\2012\12738\FINAL PLANS\PEC PROPOSED GEOMETRY LAYOUT

NORTH CURVE DATA													
NO.	Δ	R	T	L	E	P.C. COORDINATES		P.I. COORDINATES		P.T. COORDINATES		C.C. COORDINATES	
						NORTH	EAST	NORTH	EAST	NORTH	EAST	NORTH	EAST
						FC7000	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,823.8273	1,648,984.1357
FC7001	90°19'60"	20.00'	20.12'	31.53'	8.37'	1,685,819.1747	1,649,055.9881	1,685,819.5522	1,649,076.1013	1,685,839.6628	1,649,075.6068	1,685,839.1712	1,649,055.6129
FC7002	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,850.0990	1,649,069.3484	1,685,850.2465	1,649,075.3466	1,685,844.2483	1,649,075.4941	1,685,844.1008	1,649,069.4959
FC7003	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,851.7225	1,649,111.3212	1,685,851.5751	1,649,105.3230	1,685,845.5769	1,649,105.4705	1,685,845.7243	1,649,111.4687
FC7004	89°40'00"	20.00'	19.88'	31.30'	8.20'	1,685,839.9931	1,649,105.6078	1,685,820.1151	1,649,106.0965	1,685,820.4882	1,649,125.9770	1,685,840.4847	1,649,125.6017
FC7005	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,821.0994	1,649,158.5471	1,685,821.2120	1,649,164.5461	1,685,827.2110	1,649,164.4335	1,685,827.0984	1,649,158.4345
FC7006	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,838.0028	1,649,739.4866	1,685,832.0039	1,649,739.5992	1,685,832.1165	1,649,745.5981	1,685,838.1154	1,649,745.4855
FC7007	89°55'25"	20.00'	19.97'	31.39'	8.27'	1,685,833.1622	1,649,801.3209	1,685,833.5370	1,649,821.2907	1,685,853.5073	1,649,820.9426	1,685,853.1587	1,649,800.9456
FC7008	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,865.2211	1,649,814.7375	1,685,865.3256	1,649,820.7366	1,685,859.3266	1,649,820.8412	1,685,859.2220	1,649,814.8421
FC7009	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,866.3371	1,649,867.7261	1,685,866.2325	1,649,861.7270	1,685,860.2334	1,649,861.8316	1,685,860.3380	1,649,867.8307
FC7010	90°05'59"	20.00'	20.03'	31.45'	8.31'	1,685,854.3464	1,649,861.9342	1,685,834.3146	1,649,862.2834	1,685,834.6986	1,649,882.3145	1,685,854.6950	1,649,881.9312
FC7011	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,834.9824	1,649,897.1126	1,685,835.0974	1,649,903.1115	1,685,841.0963	1,649,902.9965	1,685,840.9812	1,649,896.9976
FC7018	90°30'22"	6.00'	6.05'	9.48'	2.52'	1,685,851.9373	1,650,465.6976	1,685,845.8844	1,650,465.7602	1,685,846.0004	1,650,471.8123	1,685,851.9993	1,650,471.6973
FC7019	89°59'07"	15.00'	15.00'	23.56'	6.21'	1,685,847.9414	1,650,573.0527	1,685,848.2288	1,650,588.0461	1,685,863.2223	1,650,587.7625	1,685,862.9386	1,650,572.7652
FC7020	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,885.5235	1,650,581.3396	1,685,885.6369	1,650,587.3385	1,685,879.6380	1,650,587.4520	1,685,879.5245	1,650,581.4530
FC7021	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,886.2421	1,650,619.3328	1,685,886.1287	1,650,613.3338	1,685,880.1297	1,650,613.4473	1,685,880.2432	1,650,619.4462
FC7022	90°01'46"	15.00'	15.01'	23.57'	6.22'	1,685,863.7356	1,650,613.7574	1,685,848.7306	1,650,614.0413	1,685,849.0221	1,650,629.0462	1,685,864.0193	1,650,628.7547
FC7023	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,849.4582	1,650,651.4881	1,685,849.5748	1,650,657.4870	1,685,855.5736	1,650,657.3704	1,685,855.4571	1,650,651.3715
FC7024	87°18'45"	6.00'	5.72'	9.14'	2.29'	1,685,872.9504	1,651,275.9711	1,685,867.2265	1,651,276.0823	1,685,867.0692	1,651,281.8051	1,685,873.0670	1,651,281.9699
FC7025	92°57'39"	20.00'	21.06'	32.45'	9.04'	1,685,864.5548	1,651,373.2952	1,685,863.9762	1,651,394.3485	1,685,885.0312	1,651,393.8388	1,685,884.5473	1,651,373.8447
FC7028	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,872.9156	1,651,549.8613	1,685,866.9167	1,651,549.9779	1,685,867.0333	1,651,555.9768	1,685,873.0321	1,651,555.8602
FC7029	89°41'42"	20.00'	19.89'	31.31'	8.21'	1,685,867.2851	1,651,568.9370	1,685,867.6716	1,651,588.8270	1,685,887.5634	1,651,588.5464	1,685,887.2813	1,651,568.5484
FC7030	90°18'18"	20.00'	20.11'	31.52'	8.36'	1,685,888.2419	1,651,612.5035	1,685,868.1371	1,651,612.7871	1,685,868.5278	1,651,632.8901	1,685,888.5240	1,651,632.5015
FC7031	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,868.5742	1,651,635.2825	1,685,868.6908	1,651,641.2814	1,685,874.6897	1,651,641.1649	1,685,874.5731	1,651,635.1660

SOUTH CURVE DATA													
NO.	Δ	R	T	L	E	P.C. COORDINATES		P.I. COORDINATES		P.T. COORDINATES		C.C. COORDINATES	
						NORTH	EAST	NORTH	EAST	NORTH	EAST	NORTH	EAST
						FC7500	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,752.4874	1,649,019.9854
FC7501	89°40'00"	20.00'	19.88'	31.30'	8.20'	1,685,759.1962	1,649,057.6955	1,685,759.5693	1,649,077.5760	1,685,739.6913	1,649,078.0648	1,685,739.1997	1,649,058.0708
FC7502	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,731.3379	1,649,078.2701	1,685,725.3397	1,649,078.4176	1,685,725.1923	1,649,072.4194	1,685,731.1904	1,649,072.2720
FC7503	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,732.0753	1,649,108.2611	1,685,726.0771	1,649,108.4086	1,685,726.2246	1,649,114.4067	1,685,732.2228	1,649,114.2593
FC7504	90°19'60"	20.00'	20.12'	31.53'	8.37'	1,685,740.0216	1,649,108.0657	1,685,760.1322	1,649,107.5713	1,685,760.5097	1,649,127.6844	1,685,740.5132	1,649,128.0597
FC7505	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,761.8734	1,649,200.3513	1,685,761.9860	1,649,206.3502	1,685,755.9870	1,649,206.4628	1,685,755.8744	1,649,200.4639
FC7507	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,766.6366	1,649,773.9348	1,685,772.6356	1,649,773.8222	1,685,772.7482	1,649,779.8212	1,685,766.7492	1,649,779.9337
FC7508	90°04'35"	20.00'	20.03'	31.44'	8.30'	1,685,773.1703	1,649,802.3132	1,685,773.5460	1,649,822.3364	1,685,753.5224	1,649,822.6855	1,685,753.1738	1,649,802.6885
FC7509	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,746.2636	1,649,822.8120	1,685,740.2645	1,649,822.9166	1,685,740.1600	1,649,816.9175	1,685,746.1591	1,649,816.8129
FC7510	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,747.0713	1,649,863.8041	1,685,741.0722	1,649,863.9087	1,685,741.1768	1,649,869.9078	1,685,747.1759	1,649,869.8032
FC7511	89°54'01"	20.00'	19.97'	31.38'	8.26'	1,685,754.3614	1,649,863.6771	1,685,774.3236	1,649,863.3291	1,685,774.7063	1,649,883.2907	1,685,754.7100	1,649,883.6740
FC7512	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,775.8810	1,649,944.5599	1,685,775.9960	1,649,950.5588	1,685,769.9971	1,649,950.6738	1,685,769.8821	1,649,944.6749
FC7519	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,781.3499	1,650,542.8338	1,685,787.3488	1,650,542.7188	1,685,787.4638	1,650,548.7177	1,685,781.4649	1,650,548.8327
FC7520	90°00'53"	20.00'	20.01'	31.42'	8.29'	1,685,787.8561	1,650,569.1794	1,685,788.2396	1,650,589.1809	1,685,788.2380	1,650,589.5592	1,685,787.8598	1,650,569.5628
FC7521	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,759.8906	1,650,589.7171	1,685,753.8917	1,650,589.8306	1,685,753.7782	1,650,583.8317	1,685,759.7772	1,650,583.7182
FC7522	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,760.3824	1,650,615.7125	1,685,754.3834	1,650,615.8259	1,685,754.4969	1,650,621.8249	1,685,760.4958	1,650,621.7114
FC7523	89°58'14"	20.00'	19.99'	31.41'	8.28'	1,685,768.7552	1,650,615.5541	1,685,788.7413	1,650,615.1760	1,685,789.1297	1,650,635.1620	1,685,769.1334	1,650,635.5505
FC7524	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,790.2801	1,650,694.3705	1,685,790.3967	1,650,700.3694	1,685,784.3978	1,650,700.4859	1,685,784.2813	1,650,694.4871
FC7527	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,800.8436	1,651,546.8569	1,685,806.8425	1,651,546.7404	1,685,806.9590	1,651,552.7392	1,685,800.9602	1,651,552.8558
FC7528	90°32'02"	20.00'	20.19'	31.60'	8.42'	1,685,807.2511	1,651,567.7700	1,685,807.6433	1,651,587.9534	1,685,787.4571	1,651,588.1575	1,685,787.2549	1,651,568.1586
FC7529	89°27'58"	20.00'	19.81'	31.23'	8.15'	1,685,788.5966	1,651,622.6201	1,685,808.4101	1,651,627.4198	1,685,808.7951	1,651,647.2306	1,685,788.7989	1,651,647.6191
FC7530	90°00'00"	6.00'	6.00'	9.42'	2.49'	1,685,810.1343	1,651,716.1503	1,685,810.2508	1,651,722.1492	1,685,804.2519	1,651,722.2658	1,685,804.1354	1,651,716.2669

CONTROL POINTS					
POINT NO.	NORTH COORDINATE	EAST COORDINATE	STATION	OFFSET	DESCRIPTION
351	1,685,834.7247	1,649,290.6202	103+99.59	41.14' Lt.	Chiseled Square
352	1,685,841.4068	1,649,654.5306	107+63.56	41.00' Lt.	Chiseled Square
353	1,685,849.2703	1,650,022.0922	111+31.22	41.89' Lt.	Chiseled Square
354	1,685,857.3233	1,650,450.6263	115+59.83	41.73' Lt.	Chiseled Square
355	1,685,863.8624	1,650,780.0041	118+89.29	41.90' Lt.	Chiseled Square
356	1,685,774.2364	1,651,286.7741	123+94.22	57.55' Rt.	Chiseled Square
357	1,685,877.7162	1,651,508.2949	126+17.71	41.61' Lt.	Chiseled Square
358	1,685,881.9568	1,651,720.2131	128+29.67	41.73' Lt.	Chiseled Square
359	1,685,886.0581	1,651,931.1372	130+00.12	41.73' Lt.	Chiseled Square